

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	"03028004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 14:33
S2	3	"20030089216" or "6747201"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 14:34
S3	1	("2003/0089216").URPN.	USPAT	SAME	ON	2008/07/23 14:34
S4	43	("20020037082"   "20020083060"   "20020087565"   "20030023421"   "20030037036"   "20030041066"   "20030045953"   "20030045954"   "20030061490"   "20030089216"   "20030089218"   "20030135377"   "20040003706"   "20040060424"   "20040060426"   "20040074378"   "20040094019"   "20040107821"   "20040158437"   "20040194612"   "20040255758"   "20040267736"   "20050071329"   "20050092165"   "20050097075"   "20050109194"   "20050131688"   "20050147256"   "5033089"   "5903892"   "5983176"   "6188010"   "6307139"   "6437227"   "6442510"   "6453252"   "6528715"   "6545209"   "6657117"   "6678680"   "6910035"   "6913466"). PN. OR ("7035742").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/23 14:35

S5	4	"01069575"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 14:35
S6	4	"0169575"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 14:36
S7	3	"0150354"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 14:37
S8	50	"5739451" or "6121530"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 14:38
S9	1552	(84/609,616,623).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 15:58
S10	876	S9 and (match or matching or matched or query or querying or compare or comparing or compared)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 16:00
S11	811	S10 and (melody or note or pitch or sequence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 16:01
S12	0	84/clas. and ((value\$run or (value same run)) same (domain or series))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 16:04
S13	61	"84".clas. and ((value\$run or (value same run)) same (domain or series))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/23 16:05

S14	2	"6747201"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 11:19
S15	2	"20070163425"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 11:23
S16	3	("20030205124"   "6111183").PN. OR ("6951977").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 11:33
S17	1552	(84/609,616,623).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 12:07
S18	876	S17 and (match or matching or matched or query or querying or compare or comparing or compared)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 12:07
S19	137	S18 and (pitch same time same sequence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 12:07
S20	4	("20030182133"   "5869782"   "6525256"   "7081578").PN. OR ("7378587").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 14:21
S21	9	("20030233930"   "20060117228"   "20060155479"   "20070163425"   "4591928"   "5521324"   "6121530"   "6188010"   "6678680").PN. OR ("7378588").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 14:21
S22	15	("5402339"   "5428708"   "5510572"   "5739451"   "5874686"   "5925843"   "6188010"   "6437227"   "6476306"   "6504089"   "6528715"   "6678680"   "6772113").PN. OR ("6967275").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 14:35

S23	24	("4281579"   "4350070"   "4745836"   "4843562"   "5046004"   "5210820"   "5218153"   "5243582").PN. OR ("5402339").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 14:41
S24	7251	(replace or replacing or replaced or omitted or omit or omitting) same (pitch or note or fequency) same (previous or last or earlier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 14:58
S25	34	S24 and ((music or melody or song) same (search or query))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 14:59
S26	12211	(music or melody) same (search or searching or query or querying or retrieve or retrieving)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 15:03
S27	838	S26 and "84".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 15:03
S28	486	S27 and pitch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 15:04
S29	375	S27 and pitch and tone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/07/24 15:04
S30	4	("2003/0233930").URPN.	USPAT	SAME	ON	2008/07/24 15:20
S31	8	("2003/0023421").URPN.	USPAT	SAME	ON	2008/07/24 15:25
S32	0	("2002/0038597").URPN.	USPAT	SAME	ON	2008/07/24 15:28
S33	0	("2002/0035915").URPN.	USPAT	SAME	ON	2008/07/24 16:08
S34	10	("4392409"   "4546690"   "5250745"   "5418323"   "6372973").PN. OR ("6541691").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 16:08

S35	2	"20040255758"	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 16:37
S36	18	("4926737"   "5227574"   "5256832"   "5276274"   "5627335").PN. OR ("6245984").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 16:51
S37	3	("20030205124"   "6111183").PN. OR ("6951977").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 16:52
S38	7	("5300724"   "5686683"   "5744742").PN. OR ("6111183").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 16:54
S39	15	("5402339"   "5739451"   "5874686"   "5963957"   "6121530"   "6188010"   "6201176"   "6225546"   "6307139").PN. OR ("6528715").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 16:56
S40	38	("5250745"   "5393927"   "5519166"   "5536902"   "5616876"   "5756915"   "5986199").PN. OR ("6201176").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 16:58
S41	492	84/645.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/07/24 17:27
S42	44178	(time with frequency with (domain or series))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/03 16:02
S43	305	S42 and "84".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/03 16:02
S44	40	S43 and ((music or song or melody) same (search or searching or searched or match or matched or matching))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/03 16:03
S45	10833	point same frequency same domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/03 16:08

S46	222	S45 same time same mapping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/03 16:08
S47	0	S46 and "84".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/03 16:08
S48	10833	point same frequency same domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 10:45
S49	222	S48 same time same mapping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 10:45
S50	10	S49 and (music or song or melody)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 10:45
S51	22	(melody or song or music) same skeleton same point	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 11:07
S52	19	S51 and "84".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 11:07
S53	1257	mapping same frequency same time same domain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 11:17
S54	26	S53 and ((music or song or melody) same (retrieval or search or searching or match or matching))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 11:18

S55	7	("5300724"   "5686683"   "5744742").PN. OR ("6111183").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/08/04 11:32
S56	34	("3809786"   "3913442"   "4194427"   "4205580"   "4280388"   "4369336"   "4373416"   "4440058"   "4622877"   "4649783"   "4656428"   "4763257"   "4763553"   "4967635"   "4999773"   "5025703"   "5027689"   "5033352"   "5070756"   "5262586"   "5451924").PN. OR ("5541354").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/08/04 12:14
S57	19	query same (music or song or melody) same (hum or humming) same (retrieval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 12:17
S58	0	("2004/0093354").URPN.	USPAT	SAME	ON	2008/08/04 12:21
S59	2	((YONGWEI) near2 (ZHU)).INV.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/08/04 12:21
S60	281	(agency adj science).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 12:23
S61	310	(line same segment same point same sequence same time same frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:18
S62	1	S61 and ((music or song or melody) same (search or searching or match or matching or retrieval))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:18
S63	2	S61 and "84".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:19

S64	2027	(line same segment same point same time same frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:20
S65	9	S64 and ((music or song or melody) same (search or searching or match or matching or retrieval))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:20
S66	31	"5739451"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:33
S67	0	wo2004034375	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:36
S68	5	"2004034375"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:36
S69	4	"2001050354"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:36
S70	5	"2004030691"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:38
S71	1	"200169575"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:40
S72	50	"5619004" or "5596160" or "5565639" or "5952596" or "5567162"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 14:42



S73	3	((YONGWEI) near2 (ZHU)). INV.	EPO; JPO; DERWENT	SAME	ON	2008/08/04 15:06
S74	0	"20000188730"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 15:09
S75	0	20000188730p	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 15:10
S76	0	"20070953215"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 15:12
S77	0	"20070953215"	US-PGPUB	SAME	ON	2008/08/04 15:13
S78	2	"20070163425"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 15:13
S79	3	"20040255758"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/04 15:42
S80	3	("20030205124"   "6111183").PN. OR ("6951977").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/08/04 15:54
S81	7	("5300724"   "5686683"   "5744742").PN. OR ("6111183").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2008/08/04 15:54
S82	25783	(extend\$3 or replac\$3 or sustain\$3) same (previous or last) same (pitch or frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 11:42
S83	110	S82 and ((music or song or melody) same (search\$3 or match\$3 or retrieval))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 11:42

S84	291	(extend\$3 or replac\$3 or sustain\$3) same (previous or last) same (non\$pitch or silence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:26
S85	1	(extend\$3 or replac\$3 or sustain\$3) same (previous or last) same (non\$pitch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:27
S86	1	S83 and S84	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:27
S87	12	S84 and "84".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:27
S88	13	(extend\$3 or replac\$3 or sustain\$3) same (previous or last) same (silence) same pitch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:28
S89	62	(extend\$3 or replac\$3 or sustain\$3) same (previous or last) same (silence) same (pitch or frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:29
S90	2218	((match\$3 or search\$3 or retrieval) same (music or song or melody)) and ((maximum or minimum or extreme) same (point or pitch or frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:36
S91	194	((match\$3 or search\$3 or retrieval) same (music or song or melody)) and ((maximum or minimum or extreme) same (point or pitch or frequency) same consider\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:37

S92	234	((match\$3 or search\$3 or retrieval) same (music or song or melody)) and ((maximum or minimum or extreme) same (point or pitch or frequency) same consider\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:37
S93	49	S92 and "84".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:41
S94	354	((match\$3 or search\$3 or retrieval) same (music or song or melody)) and ((maximum or minimum or extreme) same (point or pitch or frequency) same (compar\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:46
S95	65	S94 and "84".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 12:47
S96	1	stor\$3 same pitch same time same sequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 16:11
S97	115027	stor\$3 same (hum\$4 or whistl\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 16:13
S98	1199	S97 and ((music or song or melody) same (search\$3 or match\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 16:13
S99	173	S98 and "84".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 16:14

S100	346	84/603.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 17:07
S101	0	("2004/0093354").URPN.	USPAT	SAME	ON	2008/08/05 18:25
S102	30132	(peak or maximum) same (valley or minimum) same (pitch or frequency) same time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 18:27
S103	160	S102 and ((music or melody or song) same (search\$3 or match\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 18:27
S104	38	S103 and "84".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/08/05 18:28

8/ 5/ 2008 7:25:23 PM

C:\Documents and Settings\kchan1\My Documents\EAST\Workspaces\10580305\_melody  
representation and matching for music retrieval.wsp